

1 1. A radar reflective device comprising:

2 a radar permeable inflatable shell;

3 a plurality of flexible radar reflective panels disposed within said shell so as to form

4 a plurality of reflective cavities upon inflation; and

5 means for attaching said flexible radar reflective panels to said shell so as to

6 arrange said flexible radar reflective panels into a plurality of reflective cavities

7 upon inflation of said shell.

1 2. A radar reflective device as in claim 1 wherein said shell is cylindrical.

1 3. A radar reflective device as in claim 1 wherein said device is a personal flotation  
2 device.

1 4. A radar reflective device as in claim 3 wherein said personal flotation device is a life  
vest.

5. A radar reflective device as in claim 1 wherein said device is a life raft.

6. A radar reflective device comprising:

a radar permeable shell;

a plurality of flexible radar reflective panels disposed within said shell so as to form  
reflective cavities;

means for attaching said flexible reflectors to inside of said shell; and

radar permeable foam disposed in each of said reflective cavities whereby said  
7 reflective cavities are given form and support from said foam.

1 7. A radar reflective device as in claim 6 wherein said device is a personal flotation  
2 device.

1 8. A radar reflective device as in claim 7 wherein said personal flotation device is a life  
2 vest.

1 9. A radar reflective device as in claim 7 wherein said personal flotation device is a seat  
2 cushion.

1 10. A radar reflective personal flotation device comprising:

2 a radar permeable shell;  
3 a planar radar reflective panel dividing the interior of said shell into two sections;  
4 a plurality of radar reflective panels intersecting said planar radar reflective panel  
5 wherein said intersecting panels form a plurality of reflective cavities in each said  
6 section of said shell;  
7 a plurality of radar permeable foam disposed within each said reflective cavity.

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